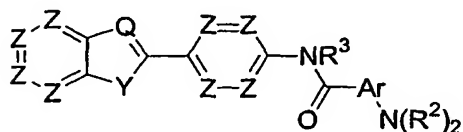


WHAT IS CLAIMED IS:

1 [0132]

1 1. A compound according to the formula



3 and the pharmaceutically acceptable salts thereof,

4 wherein

5 each Z is independently N or C(R¹), with the proviso that no more than 2 Z's in any one
6 aromatic ring are N;

7 Y is O, N, or S;

8 Q is N or C(R¹), with the proviso that Q is C(R¹) when Y is N;

9 Ar is an unsubstituted or substituted aromatic or heteroaromatic 5- or 6-member ring;

10 each R¹ is independently H, halogen, OH, or a C₁ to C₁₂ alkyl heteroalkyl moiety;

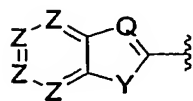
11 each R² is independently H or a C₁ to C₁₈ alkyl or heteroalkyl moiety or the two R²'s taken
12 together with the nitrogen atom to which they are attached form a substituted or
13 unsubstituted heteroalkyl 5 to 7 member ring;

14 and

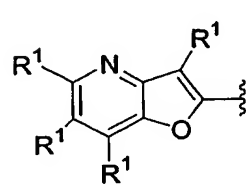
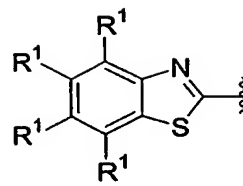
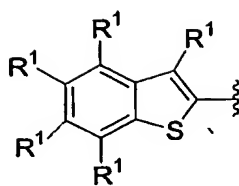
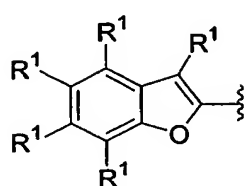
15 R³ is H or a C₁ to C₆ alkyl moiety;

16 with the proviso that at least one group R¹, R², or R³ contains an alkyl amine group or a
17 quaternary nitrogen group.1 2. A compound according to claim 1, wherein at least one group R²
2 contains an alkyl amine group.

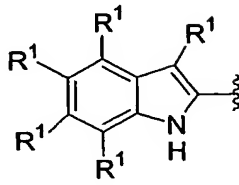
1 3. A compound according to claim 1 or 2, wherein



3 is selected from the group consisting of

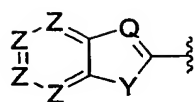


and

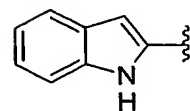
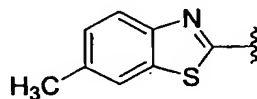
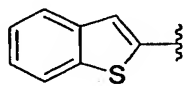
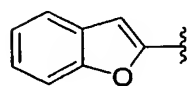


wherein R¹ is H or CH₃.

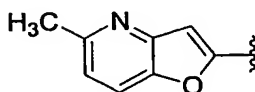
4. A compound according to claim 1 or 2, wherein



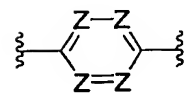
is selected from the group consisting of



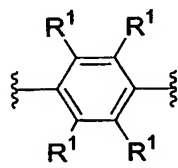
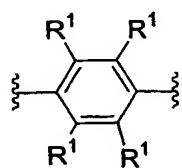
and



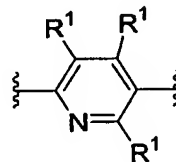
5. A compound according to claim 1 or 2, wherein



is selected from the group consisting of

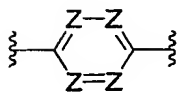


and

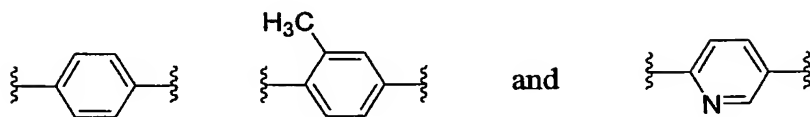


wherein R¹ is H or CH₃.

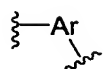
6. A compound according to claim 1 or 2, wherein



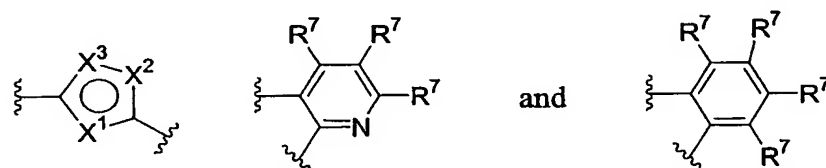
is selected from the group consisting of



7. A compound according to claim 1 or 2, wherein

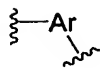


is selected from the group consisting of

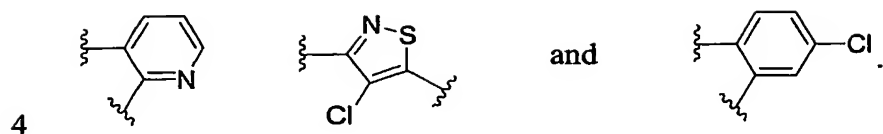


wherein one of X^1 , X^2 , and X^3 is a ring vertex selected from the group consisting of -O-, -S-, and -NR⁸-, and the other two of X^1 , X^2 , and X^3 are ring vertices selected from the group consisting of =N- and =CR⁷-; each R⁷ is independently H, F, Cl, Br, I, CN, OH, NO₂, NH₂, a substituted or unsubstituted (C₁-C₁₂)alkyl group, a substituted or unsubstituted (C₁-C₁₂)alkoxy group, or a substituted or unsubstituted (C₁-C₁₂)heteroalkyl group; and R⁸ is H, a substituted or unsubstituted (C₁-C₁₂)alkyl group, or a substituted or unsubstituted (C₁-C₁₂)heteroalkyl group.

8. A compound according to claim 1 or 2, wherein

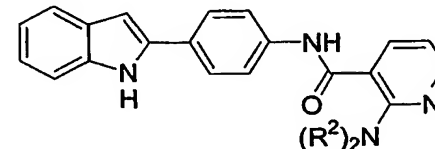
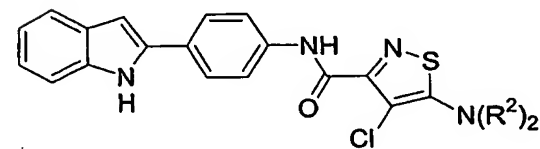
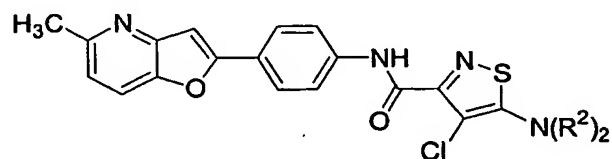
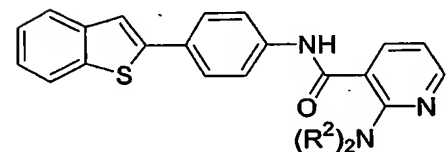
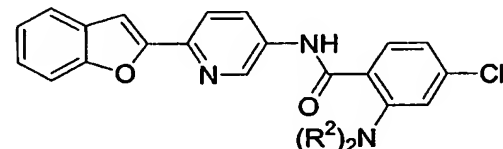
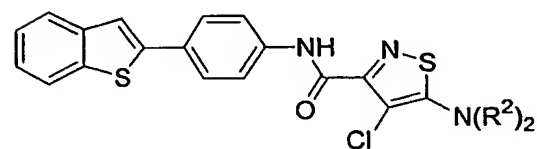
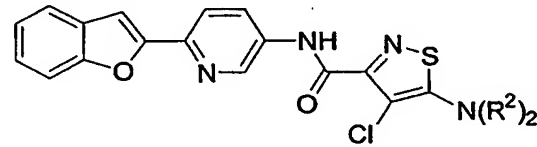
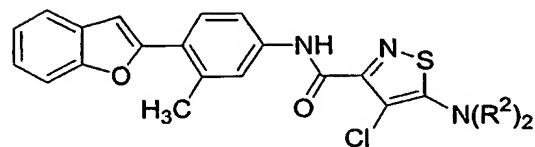
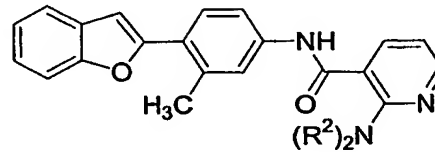
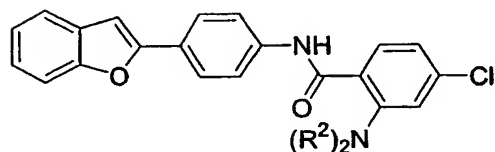
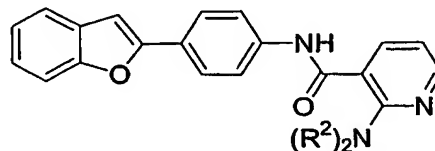
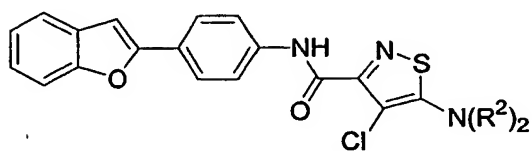


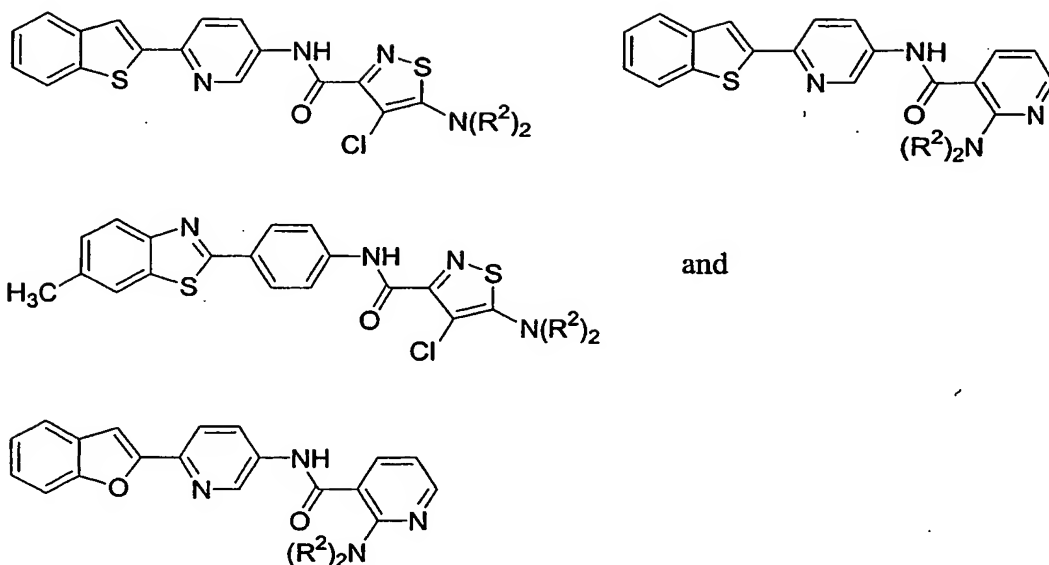
is selected from the group consisting of



1 9. A compound according to claim 1 or 2, wherein R^3 is H.

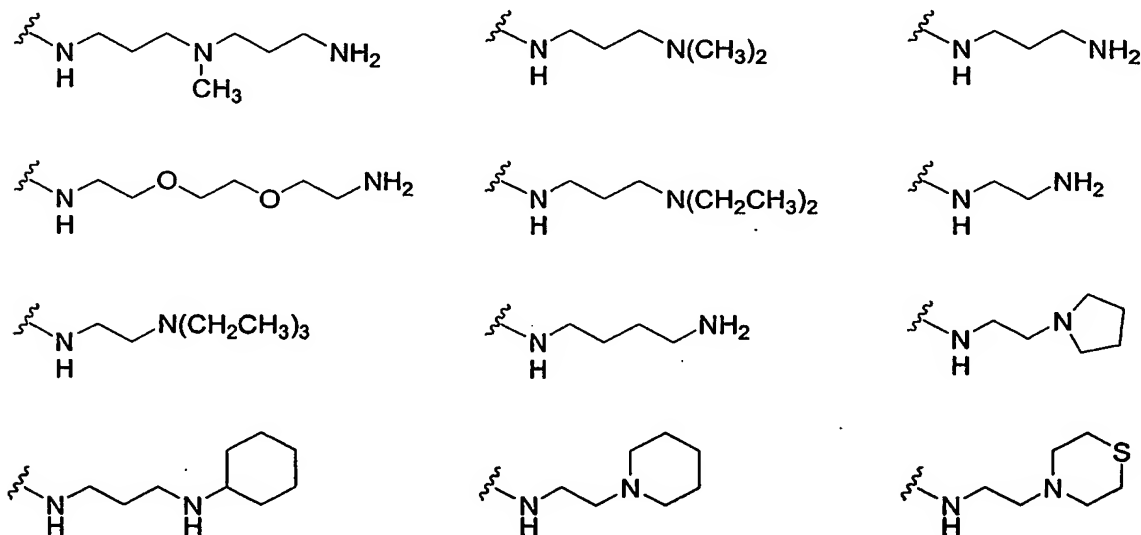
2 10. A compound according to a formula selected from the group
3 consisting of

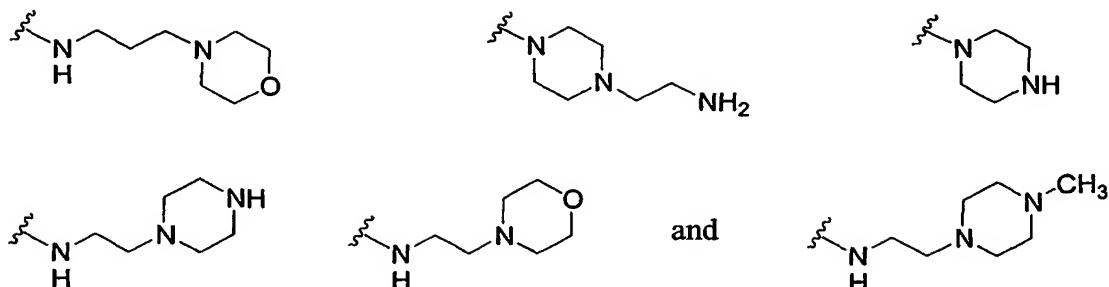




- 4 and the pharmaceutically acceptable salts thereof,
 5 wherein each R^2 is independently H or a C_1 to C_{18} alkyl or heteroalkyl moiety or the two
 6 R^2 's taken together with the nitrogen atom to which they are attached form a substituted
 7 or unsubstituted heteroalkyl 5 to 7 member ring; at least one group R^2 containing an alkyl
 8 amine group.

- 1 11. A compound according to claim 1, 2 or 10, wherein $N(R^2)_2$ is
 2 selected from the group consisting of





1 12. A compound according to claim 1, having a minimum inhibitory
 2 concentration of 4 µg/mL or less against at least one of *Staphylococcus aureus* (ATCC
 3 27660), *Streptococcus pneumoniae* (ATCC 51422), and *Enterococcus faecium* (ATCC
 4 51559).

1 13. A method of treating a bacterial infection in a mammal, comprising
 2 administering to a patient in need of such treatment an effective amount of a compound
 3 according to claim 1, 2, or 10.

1 14. A method according to claim 13, wherein the bacterial infection is
 2 an infection by drug resistant bacteria.

1 15. A method according to claim 14, wherein the drug resistant
 2 bacteria is MRSA, PRSP, or VRE.

1 16. The use of a compound according to claim 1, 2, or 8 for the
 2 preparation of a medicament for the treatment of a bacterial infection in a mammal.